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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

1/0/10675 A

(54) Title: INHIBITORS OF HISTONE DEACETYLASE

(57) Abstract: The invention relates to the inhibition of histone deacetylase. The invention provides compounds and methods for hisbiting histone deacetylase enzymatic activity. The invention also provides compositions and methods for treating cell proliferative diseases and conditions.

Internal Application No PCT/IB 01/00683

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С. DOCUM	NTS CONSIDERED TO BE RELEVANT				
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<u> </u>	er documents are listed in the continuation of box C.	Pa	tent family members	are listed in	annex.
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A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER A61K31/44 A61K31/495 A61P35, C07C275/40	/00 C07C237/20	C07C237/10
According to	o International Patent Classification (IPC) or to both national classi	fication and IPC	
B. FIELDS	SEARCHED		
Minimum do	cumentation searched (classification system tollowed by classific	ation symbols)	
Documentat	ion searched other than minimum documentation to the extent that	it such documents are included in th	e fields saarched
Electronic da	ata base consulted during the international search (name of data	base and, where practical, search to	orms used)
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category •	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to daim No.
X	JUNG M ET AL: "Analogues of tr A and trapoxin B as histone dear inhibitors" BIOORGANIC & MEDICINAL CHEMISTR' OXFORD, GB, vol. 7, no. 13, 8 July 1997 (1997) pages 1655-1658, XP004136274 ISSN: 0960-894X the whole document	cetylase Y LETTERS,	1-56
X Furth	ner documents are listed in the continuation of box C.	Patent family members	are listed in annex.
*Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance.  'E' earlied occument but published on or after the international filling date.  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (se species) international referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filling date but later than the priority date claimed  Date of the actual completion of the International search  'Other of the actual completion of the International search  Date of the actual completion of the International search  'Other of the actual completion of the International search  'I later document published after the International filling date or priority date calmed in International filling date or priority date calmed invention or order search or other means.			entick with the appreciation out ciple of theory purceasing the crossing the claimed invention or cannot be considered to en the document is taken alone noc; the claimed invention choic an inventible alley when the one or more other such docu- ting obvious to a preson skilled me patent family
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C.(Continua Category *	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α .	SUZUKI ET AL: "Synthesis and Histone Deacetylase Inhibitory Activity of New Benzamide Derivatives" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 42, no. 15, 1999, pages 3001-3003, XP002158227 ISSN: 0022-2623 the whole document	1,18,30, 40-56
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ernational application No. PCT/IB 01/00683

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Noa.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 47 to 56 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
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3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this intomational Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

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